Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (currently amended) A method of managing a cache of a
mobile device carried by a user, the cache being used for
storing items associated with locations in a real-world space
being visited by the user; the method comprising:

(a) receiving an item at the mobile device and initially
storing it the received item in an un-degraded form, and

(b) upon a predetermined condition concerning the received
item and/or the mobile device becoming satisfied, degrading the
received item to reduce the amount of cache space needed to
store it the received item and storing the degraded item in the
cache instead of the un-degraded item.

2.   (canceled)

3.   (currently amended) A method according to claim 1, wherein
said predetermined condition is at least partially based on the
a probability of usage of the received item as assessed from a
determination of the a probability of usage of that or other
items having regard to the a progress of the user around said
real-world space.

4.   (currently amended) A method according to claim 1, wherein said predetermined condition is at least partially based on the time elapsed since the item was last accessed by the user or, if the item has not yet been accessed, since the item was initially loaded into the cache.

5.   (currently amended) A method according to claim 1, wherein said predetermined condition is at least partially based on ~~the~~ an amount of available cache space remaining.

6.   (canceled)

7.   (currently amended) A method according to claim 1, wherein the degrading of the item in step (b) is effected by at least one of:

where the item comprises a sampled media stream, reducing the sample rate and/or the number of bits used to represent each sample;

selectively removing ~~whole~~ portions of the item;

where the item is an image, reducing the resolution of the image;

changing ~~the~~ a format in which the item is represented.

8.   (currently amended) A method according to claim 1, wherein the degraded item is stored in the cache along with an associated flag indicative of its degraded form.

9.   (currently amended) A method of presenting an item to a user of a mobile device where said item is stored in a cache of the mobile device according to the cache management method of any one of the preceding claims, the item presentation method comprising:

(a) upon the item being required for presentation to the user, retrieving the item from cache and presenting it to the user;

(b) determining whether the item is in a degraded form, this step being carried out before, at the same time as, or after step (a); and

(c) where step (b) indicates that the item is in a degraded form, requesting an un-degraded ~~version~~ form of the item from an off-device resource and when received, substituting ~~this~~ the un-degraded form ~~version~~ of the item for the degraded form ~~version~~ being presented to the user.

10.   (canceled)

11.   (currently amended) An arrangement for managing a cache of

a mobile device, the cache being intended for use in storing items associated with locations in a real-world space visited by a user of the mobile device; the arrangement comprising:

receiving means for receiving an item at the mobile device, and

degrading means for degrading the received item upon a predetermined condition concerning the item and/or the mobile device becoming satisfied so as to reduce the amount of cache space needed to store ~~it~~ the received item, and for storing the degraded item in the cache instead of the un-degraded item.

12. (canceled)

13. (currently amended) An arrangement according to claim 12, further comprising prediction means for determining ~~the~~ a probability of usage of the received item as assessed from a determination of the probability of usage of that or other items having regard to ~~the~~ a progress of the user around said real-world space, the predetermined condition being at least partially based on said probability of usage as determined by said prediction means.

14. (currently amended) An arrangement according to claim 12, further comprising lapsed-time counting means for determining the time elapsed since the item was last accessed by the user or, if the item has not yet been accessed, since the item was

initially loaded into the cache, said predetermined condition being at least partially based on said time elapsed as determined by the lapsed-time counting means.

15. (currently amended) An arrangement according to claim 12, further comprising free cache-space determining means for determining the an amount of available cache space remaining, said predetermined condition being at least partially based on the available cache space remaining as determined by said free cache-space determining means.

16. (original)   An arrangement according to claim 11, wherein the degrading means is arranged to degrade an a received item directly upon the receipt of the item at the mobile device in the event that a predetermined condition concerning the item and/or the mobile device is already satisfied.

17. (currently amended) An arrangement according to claim 11, wherein the degrading means is arranged to degrade said item in step (b) by at least one of:

where the item comprises a sampled media stream, reducing the sample rate and/or the number of bits used to represent each sample;

selectively removing whole portions of the item;

where the item is an image, reducing the resolution of the

image;

changing ~~the~~ a format in which the item is represented.

18.   (original)   An arrangement according to claim 11,
wherein the degrading means is arranged to store the degraded
item in cache along with an associated flag indicative of its
degraded form.

19.   (original)   An arrangement according to claim 11,
further comprising:

means for retrieving the received item from cache and
presenting it to the user; and

means for determining whether the item to be, or being,
presented to the user is in a degraded form and, if so, for
requesting an un-degraded ~~version~~ form of the item from an off-
device resource;

these means being arranged to substitute the un-degraded
~~version~~ form of the item, when received, for the degraded
~~version~~ form being presented to the user.

20.   (canceled)